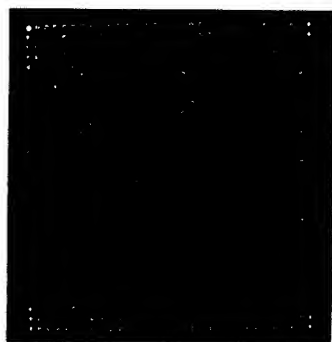
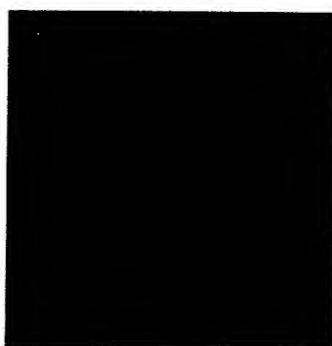


FIG. 1A



Before Pre-hybe

FIG. 1B



Post pre-hybe  
w/o NaBH4

FIG. 1C



Post pre-hybe  
w/NaBH4

FIG. 2

Autofluorescence reduction using NaBH4  
on Human 6K array

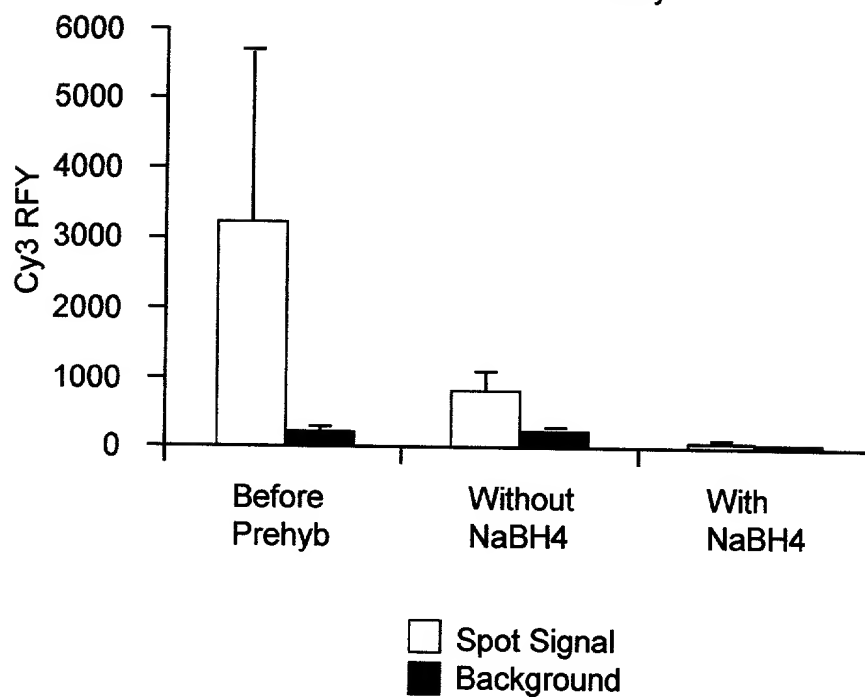
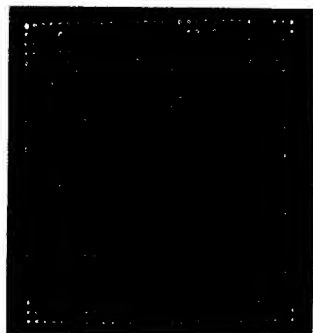
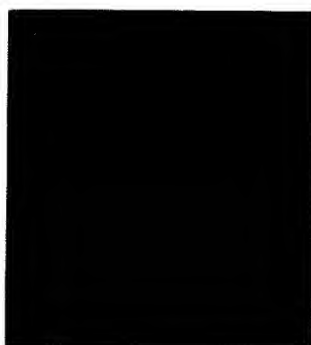


FIG. 3A



Before Pre-hybe

FIG. 3B



Post pre-hybe  
w/o NaBH<sub>4</sub>

FIG. 3C



Post pre-hybe  
w/NaBH<sub>4</sub>

FIG. 4

Autofluorescence reduction using NaBH<sub>4</sub>  
on Human 6K array

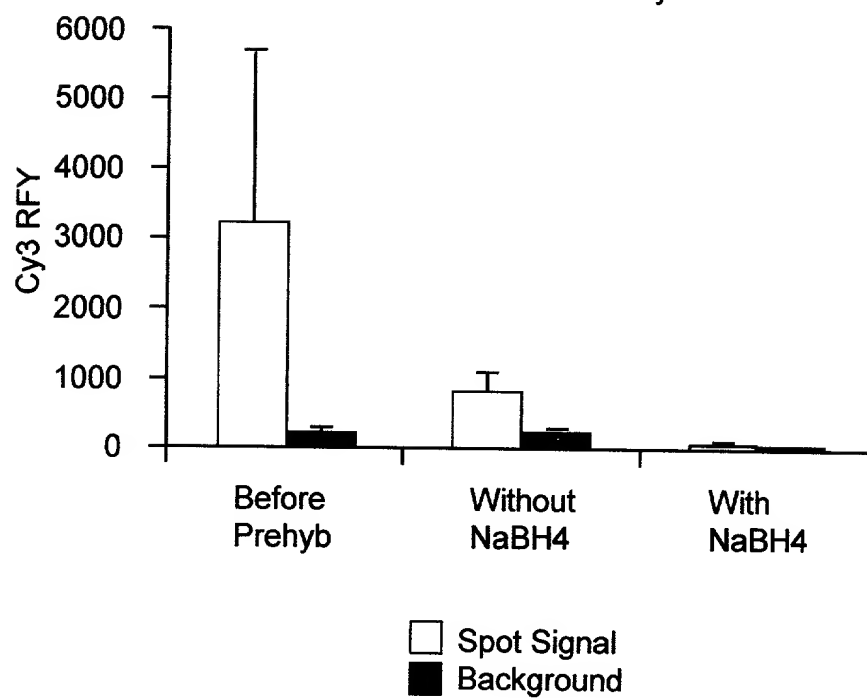
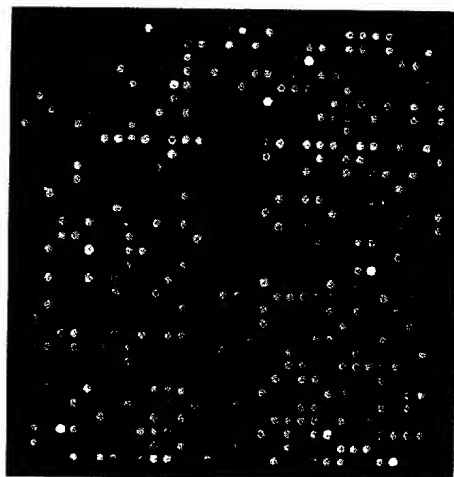
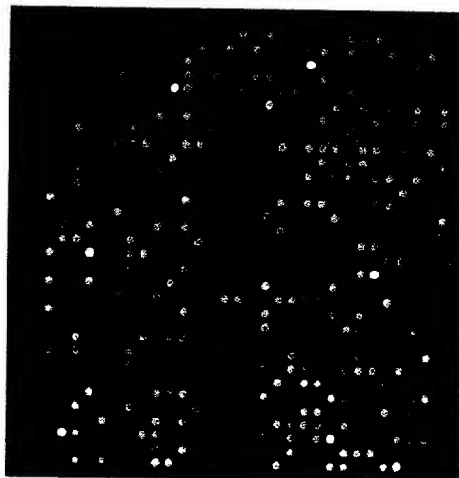


FIG. 5A



Without NaBH<sub>4</sub> Treatment

FIG. 5B



With NaBH<sub>4</sub> Treatment

FIG. 6A

Self-self probe hybe on human 6k  
without NaBH4

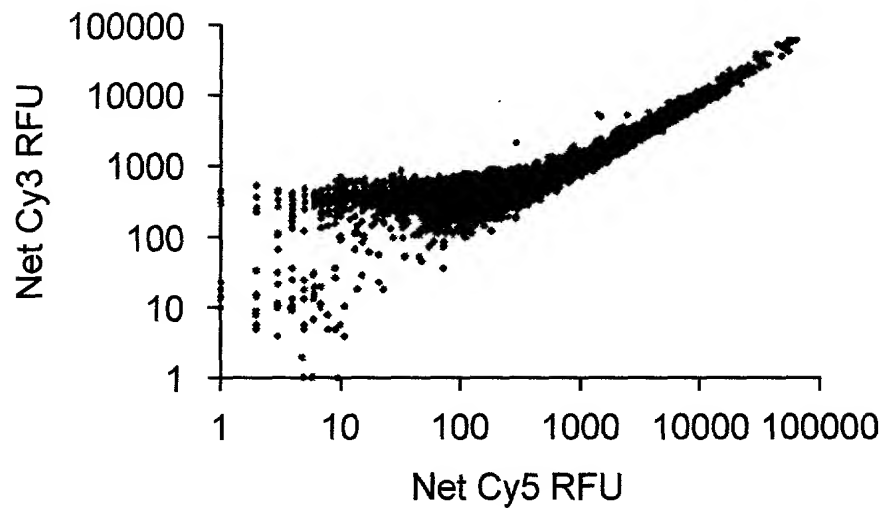


FIG. 6B

Self-self brain probe hybe on Human 6k  
without NaBH4 treatment

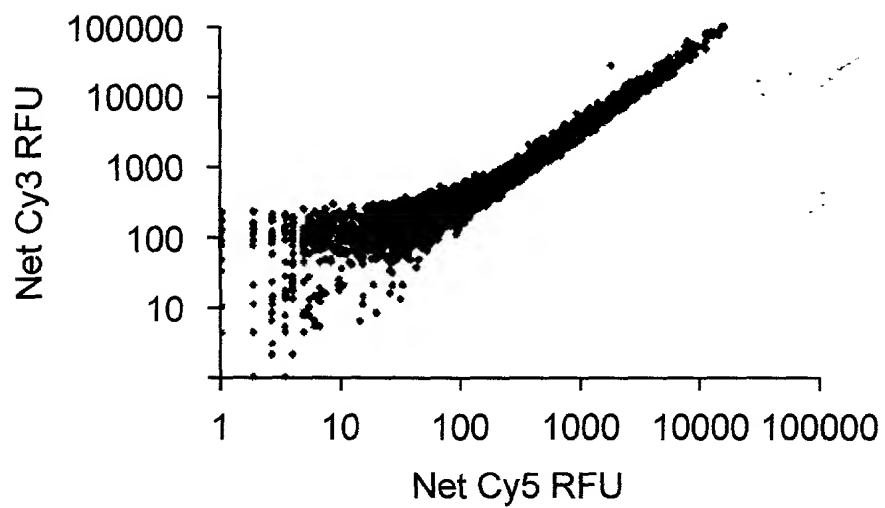


FIG. 7A

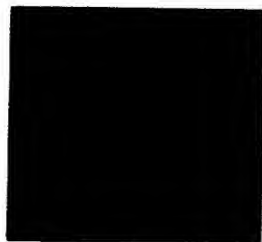


FIG. 7B

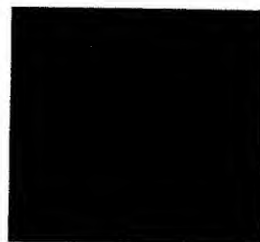


FIG. 7C

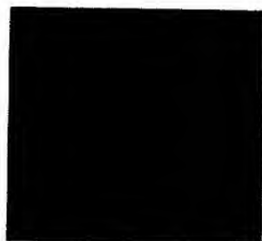


FIG. 7D

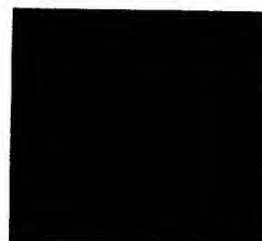


FIG. 8

Time course of autofluorescence reduction  
with NaBH<sub>4</sub> on Cancer array

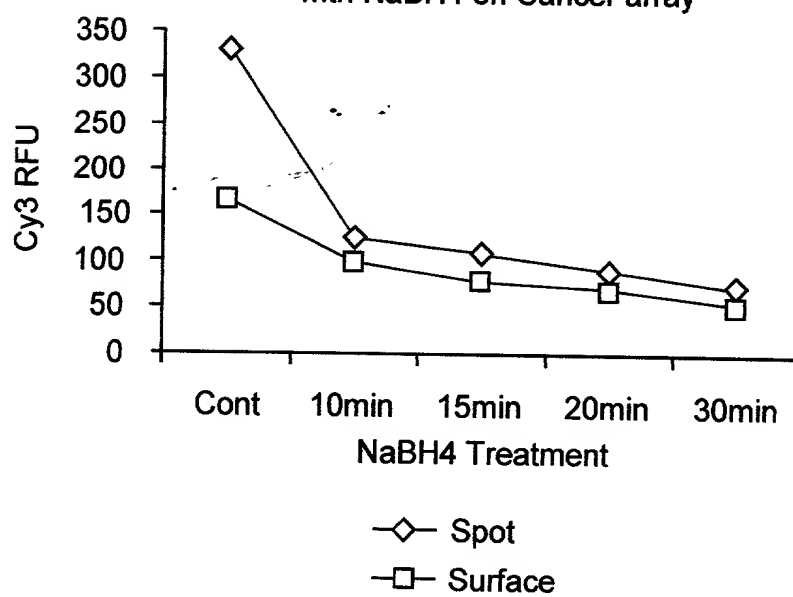


FIG. 9A



FIG. 9B



FIG. 9C



FIG. 10A FIG. 10B FIG. 10C FIG. 10D



Before Pre-hybe



Post pre-hybe  
w/o NaBH<sub>4</sub>



Post pre-hybe  
w/NaBH<sub>4</sub>



NaBH<sub>4</sub> Treated  
GAPS Slide  
arraying and hybe

FIG. 11A

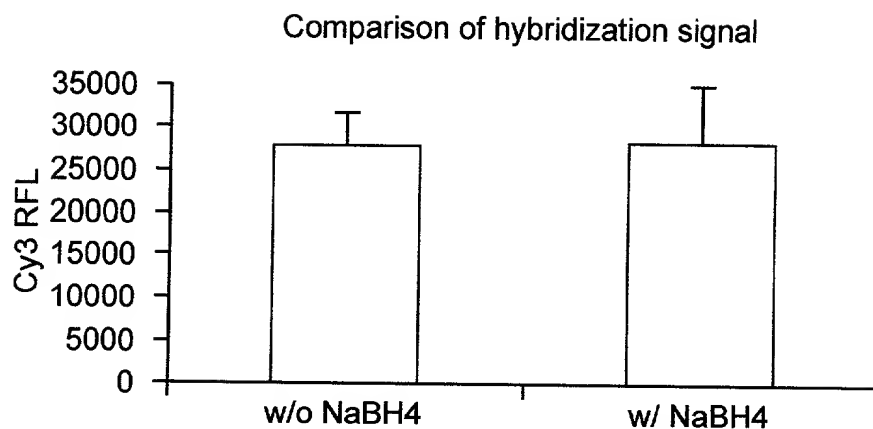


FIG. 11B

